

Title (en)

Vehicle braking assist device and vehicle braking assist method

Title (de)

Fahrzeugbremshilfevorrichtung und Fahrzeugbremshilfverfahren

Title (fr)

Dispositif de freinage assisté de véhicule et procédé de freinage assisté de véhicule

Publication

EP 2409884 A3 20180606 (EN)

Application

EP 11005685 A 20110712

Priority

JP 2010165959 A 20100723

Abstract (en)

[origin: EP2409884A2] When it is judged that the risk potential of a host vehicle with respect to an obstacle ahead of the host vehicle is higher than a first threshold, and accelerator is not operated, a braking force is applied on the host vehicle. In addition, when the risk potential of the host vehicle with respect to the obstacle is higher than a second threshold, with risk potential of the second threshold being higher than the risk potential of the first threshold, a braking force is applied on host vehicle MM irrespective of the operation state of the accelerator.

IPC 8 full level

B60T 7/12 (2006.01); **F16D 59/00** (2006.01)

CPC (source: EP US)

B60K 26/021 (2013.01 - EP US); **B60T 7/22** (2013.01 - EP US); **B60W 50/10** (2013.01 - EP US); **B60T 2201/022** (2013.01 - EP US); **B60W 10/18** (2013.01 - EP US); **B60W 30/09** (2013.01 - EP US); **B60W 2540/10** (2013.01 - EP US); **B60W 2554/801** (2020.02 - EP US); **B60W 2554/804** (2020.02 - EP US); **B60W 2710/18** (2013.01 - EP US)

Citation (search report)

- [A] EP 1743818 A1 20070117 - NISSAN MOTOR [JP]
- [A] US 2007145818 A1 20070628 - KOBAYASHI YOSUKE [JP], et al
- [A] EP 1860013 A2 20071128 - NISSAN MOTOR [JP]

Cited by

US11396300B2; WO2018106575A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2409884 A2 20120125; EP 2409884 A3 20180606; EP 2409884 B1 20181128; CN 102371960 A 20120314; CN 102371960 B 20150107; JP 2012025274 A 20120209; JP 5381923 B2 20140108; US 2012022759 A1 20120126; US 9020727 B2 20150428

DOCDB simple family (application)

EP 11005685 A 20110712; CN 201110209223 A 20110722; JP 2010165959 A 20100723; US 201113188551 A 20110722